

U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				<i>Complete if Known</i>
<b>Application Number</b>		10/533,589		
<b>Filing Date</b>		2003-11-17		
<b>First Named Inventor</b>		PROCTOR, Jamesa Jr.,		
<b>Art Unit</b>		2617		
<b>Examiner Name</b>		Michael Their		
Sheet	1	of	6	Attorney Docket No: 080588

## U.S. PATENT DOCUMENTS

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**DATE CONSIDERED**

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

6

Complete if Known

Application Number	10/533,589
Filing Date	2003-11-17
First Named Inventor	PROCTOR, Jamesa Jr.,
Art Unit	2617
Examiner Name	Michael Their

Attorney Docket No: 080588

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number "Kind Code" <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	017	EP0709973A1	05-01-1996	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	018	EP0715423	06-05-1996	AT & T CORP [US]		<input type="checkbox"/>
	019	EP0847146A2	06-10-1998	NEC CORP [JP]		<input type="checkbox"/>
	020	EP0853393A1	07-15-1998	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	021	GB2351420A	12-27-2000	MOTOROLA LTD.		<input checked="" type="checkbox"/>
	022	JP05102907	04-23-1993	FUJITSU LTD.		<input checked="" type="checkbox"/>
	023	JP09018484A	01-17-1997	TEC CORP.		<input checked="" type="checkbox"/>
	024	JP09182155	07-11-1997	HITACHI LTD.		<input checked="" type="checkbox"/>
	025	JP10032557A	02-03-1998	NEC CORP.		<input checked="" type="checkbox"/>
	026	JP11055713	02-26-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	027	JP11127104	05-11-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	028	JP2000031877	01-28-2000	SHARP CORP.		<input checked="" type="checkbox"/>
	029	JP2000082983A	03-21-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>
	030	JP2000502218T	02-22-2000	QUALCOMM INC.		<input checked="" type="checkbox"/>
	031	JP2001111575A	04-20-2001	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	032	JP2002033691	01-31-2002	SONY INT EUROP GMBH.		<input checked="" type="checkbox"/>

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<p>Substitute for Form 1465PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				<p><i>Complete if Known</i></p>
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<p><b>Examiner Name</b></p>				Michael Their
Sheet	3	of	6	Attorney Docket No: 080588

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Number/Kind Code <sup>3</sup> (if known)			
	033	JP2002111571A	04-12-2002	NIPPON TELEGR & TELEPH CORP.	☒
	034	JP62040895	02-21-1987	TOSHIBA CORP.	☒
	035	JP63160442	07-04-1988	HITACHI DENSHI LTD.	☒
	036	JP64011428	01-17-1989	TOYO COMMUN EQUIP CO LTD.	☒
	037	KR100610929	08-10-2006	SAMSUNG THALES CO LTD [KR]	☒
	038	RU2120702C1	10-20-1998	BRITISH TELEKOMM JUNIKEJSHN Z PABLIK LIMITED KOMPAN.	☒
	039	WO0050971A2	08-31-2000	BERKELEY CONCEPT RESEARCH CORP [US]	☒
	040	WO04032362	04-15-2004	WIDEFI, INC.	☒
	041	WO04038958	05-06-2004	WIDEFI, INC.	☒
	042	WO2004001986A2	12-31-2003	TANTIVY COMM INC [US]	☒
	043	WO92014339	08-20-1992	BRITISH TELECOMMUNICATIONS.	☒
	044	WO97034434	09-18-1997	MOTOROLA INC [US]	☒
	045	WO9858461A1	12-23-1998	ERICSSON TELEFON AB L M [SE]	☒
					☒
					☒
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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document **kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.** **Applicant is to place a check mark here if English language Translation is attached.** This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **BEND**  
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Sheet	4	of	6	Attorney Docket No: 080588	

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	046	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands. IEEE P802.16E/D12, Oct 2005.				<input type="checkbox"/>
	047	Office Action English translation dated July 4, 2008 issued from Chinese Patent Office for Application No. 03814391.7.				<input type="checkbox"/>
	048	Office Action English translation dated June 29, 2009 issued from Japanese Patent Office for Application No. 2004-541532 (080585JP).				<input type="checkbox"/>
	049	Supplementary European Search Report - EP03781739, Search Authority - Munich Patent Office, 05-07-10 (080588).				<input type="checkbox"/>
	050	Translation of Office Action in Japanese application 2004-515701, corresponding to US application 10/516,327, citing WO00050971, JP2000-031877, JP2002-033691, JP2002-111571 and JP11-127104. Dated 2010-05-25 (080583JP).				<input type="checkbox"/>
	051	Translation of Office Action in Japanese application 2004-544751, corresponding to US application 10/531,078, citing W000050971, JP2002-111571, JP05-102907, JP63-160442, JP2000-502218, JP10-032557 and JP2000-082983. Dated 2009-08-25 (080590JP).				<input type="checkbox"/>
	052	Translation of Office Action in Japanese application 2004-553510, corresponding to US application 10/533,589, citing W000050971, JP09-182155, JP64-011428 and JP62-040895. Dated 2009-09-29 (080588JP).				<input type="checkbox"/>
	053	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762 and JP2001-111575. Dated 2009-08-11 (080589JP).				<input type="checkbox"/>
	054	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762, JP2001-111575, JP09-018484 and JP11-055713. Dated 2010-09-14 (080589JP).				<input type="checkbox"/>
	055	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP09-018484. Dated 2010-02-23 (080589JP).				<input type="checkbox"/>
	056	Translation of Office Action in Korean application 2008-7026775, corresponding to US application 11/730,361, citing KR100610929 Dated 2010-08-30 (080600KR).				<input type="checkbox"/>

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Sheet	5	of	6	Attorney Docket No: 080588	

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